

### **Patent claims**

1. A cosmetic hair cleanser comprising one or more pregelatinized, crosslinked starch derivatives, cationic polymers and nonionic, amphoteric and/or anionic surfactants.  
5
2. The use of one or more pregelatinized, crosslinked starch derivatives for improving the combability, the volume, the body, the shine, the feel of hair treated with hair cleansers comprising cationic polymers and nonionic, amphoteric and/or anionic surfactants.
- 10 3. The preparation or the use as claimed in any of the preceding claims, characterized in that the pregelatinized, crosslinked starch derivatives used are hydroxypropylated phosphate esters.
- 15 4. The preparation or the use as claimed in any of the preceding claims, characterized in that the pregelatinized, crosslinked starch derivative used is hydroxypropyl distarch phosphate (CAS number 113894-92-1).
- 20 5. The hair cleanser or the use as claimed in any of the preceding claims, characterized in that the content of pregelatinized, crosslinked starch derivatives is 0.1-20% by weight, preferably 0.3-15% by weight, particularly preferably 0.5-10% by weight.
- 25 6. The hair cleanser or the use as claimed in any of the preceding claims, characterized in that the content of cationic polymers is 0.1-15% by weight, preferably 0.2-8% by weight, particularly preferably 0.3-5% by weight.
- 30 7. The hair cleanser or the use as claimed in any of the preceding claims, characterized in that the cationic polymers used are polymeric quaternized ammonium salts of hydroxyethylcellulose which has been modified with a trimethylammonium-substituted epoxide, depolymerized and subsequently quaternized guar gum derivatives and/or quaternized guar derivatives.

8. The hair cleanser or the use as claimed in any of the preceding claims, characterized in that the nonionic, amphoteric and/or anionic surfactants used are ethoxylated and sulfated fatty alcohols with 12 to 14 and/or alkylamidopropylbetaine.
- 5 9. The hair care composition as claimed in any of the preceding claims, characterized in that further surfactants and/or cosmetic or dermatological auxiliaries, additives and/or active ingredients are additionally present.